



The Pres Says:

Well guys, it was great to see the turnout on Zoom for the February meeting. I personally enjoyed the presentation from Brandon VE3OTV regarding our summer trip in Quetico Park and the recap from the Winter Field Day. It was also nice to Freeze my buns off at the Antenna testing which also gave an opportunity to test my gear, making sure it was ready for the upcoming events including field day.

Yes, the LARC Field Day is approaching quickly and this year we want to make it family friendly. I am hoping to receive input from all our members. Keep in mind that the ideal location would be great for RF, easy Antenna setups, shelter, activities for family members and one that would also engage the curiosity of the public. I know that I am wishing for a lot, so let us ask for the sky and then settle for the most ideal site this year which will incorporate all the Covid restrictions that may or may not be in place. Just to get the ball rolling, Axel VE3OPF has offered one of his back fields which would be a great place for us. It would also allow us to prepare and test our gear for the upcoming canoe trip.

I also hear rumours are spreading about a transmitter/ham radio scavenger hunt. If this materialises, then we should be able to put some gear together during the remainder of March & April and have our event closer to the middle of May when the outside temperatures are more bearable.

On a more serious note, we all know that the YQT refurb is going to be coming up one way or another. Our membership dues alone are not going to cut the investment we must make into the repeater. I am asking anyone interested to come forward at this month meeting that would be willing to head a fundraising committee. Give it some thought and please share your ideas at the meeting.

Eric VE3XET
President

Freeze Your Buns Off Antenna Testing Day!

Saturday February 26th was coming up fast and I did not feel prepared for the Freeze Your Buns Off Antenna Testing event. Frigid temperatures and massive dumps of snow were not helping. In the end, it all fell into place, the weather started to cooperate with an ok temperature predicted for the weekend and even some sunshine instead of snow.

The event was well attended, antennas were erected, and radios were making noise. What more could you ask for? You could ask for good food and drinks, and more importantly laughter from spouses and children. Whether it was around the campfire or on the sliding hill, fun was had by all ages.

Also, a special thank you to some of the show and tell as well as attempted demonstrations. Just goes to prove that not everything will work all the time, but that is why we are Amateur Radio Operators and can usually figure it out.

Attached are a few pictures of our event, if you want to see a summary video, come to the March LARC Zoom meeting or check out the LARC YouTube channel: <https://bit.ly/LARCYoutube>. I hope you guys will enjoy it.

If you guys enjoy my brief videos, let me know! Also, please tell what videos you would like to see on the club YouTube channel, and I will talk and see with the powers to be, if it can be done. Currently, I have a request for a video tour of our club repeater sites...

Until next time,

73's de Brandon Rehfuhs - VE3OTV

Aerial view of the Antenna Testing shoot out. – courtesy Brandon Rehfuhs



LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Lindo Scalese VE3NHX
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President: Eric Todd VE3XET
VP: Stephan Burns VE3SJB
Treasurer: Randy McAllister VA3WBW
Secretary:

Board Members

Robert Hansen VE3RVA
Randy Gottfred VA3OJ
Axel Rehfuhs VE3OPF
John Plumridge VE3FMT

LARC Emergency Coordinator

Brad Harris VE3MXJ

ACS Amethyst District Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

VA3JMS John 767-3631
VE3RRP Karl

Public Service Events

VA3TBA Chris Chadwick

Accredited Examiners

VE3FAL Fred Lesnick 577-0789
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VE3VAI Lori Bedford (807) 630-7688
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2022

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District Auxiliary Communications Service Providing emergency communications for Northwestern Ontario

This is a list of the ACS frequencies in order of preference, number 1 being the first choice, if that frequency is in use or not working as in a repeater, then number 2 is the next choice, and so on,,,,,,,,,

VHF

1. 147.060- VE3YQT (MT.BALDY)
2. 147.390+ VE3BGA PL107.2 (LOCH LOMOND)
3. 146.820- VE3TBR PL107.2 (ST.JOSEPH HERITAGE)
4. SIMPLEX 146.520 > 146.580 > 146.550

HF

RAC ACS Canadian National Emergency Frequencies

1. 80M 3.675MHz LSB designated as ALPHA
2. 40M 7.135MHz LSB designated as BRAVO
3. 20M 14.135MHz USB designated as CHARLIE

Nets and Exercises

Wednesdays at 8 PM ET (2000hrs) 0000UTC on frequency 3.675MHz LSB (80 Metres)

We have four different net control operators across NWO. At the end of check in's we try and do some sort of exercise, winlink P2P, JS8 CALL, passing messages. Everyone is encouraged to check in, even if you are not an ACS or LARC member.

**Lakehead Amateur Radio Club
Treasurers Report – As of March 3, 2022**

Opening Balance Feb 4, 2022	\$ 5,339.97
Total Income (member dues)	\$ 70.00
Total expenses	\$ 0.00
Closing Balance Chequing Account	\$5,409.97
Term Deposit Account (Includes \$0.17 interest)	<u>\$2,076.16</u>
 TOTAL LARC accounts	 \$7,486.13

NOTES:

* **Balance of Chequing account after pending trailer expense (\$ 113) transferred from Trailer a/c into main chequing account \$ 5452.97**

Trailer Account

Previous Balance	\$1,228.46
Income	
Interest	\$0.00
Total	\$1,228.46
Expenses	
Trailer Cover (Pending transfer from Trailer A/C \$ 113.00	
Current Balance in Trailer Account	\$1,228.46
 (Future Balance after \$113 Cover expense transferred out	 \$1,115.46

Randy McAllister VE3WBW



Scene from the Freeze yer Bun Antenna shoot out - courtesy Brandon Rehfuhs - VE3OTV

Lakehead Amateur Radio Club Minutes of the General Meeting 10 February 2022

Chaired by Eric Todd VE3XET

Meeting brought to order at 1903

A round table of the meeting participants was held

Brandon Ruhfuhs VE3OTV made two presentations

1) Winter Field Day (including video now available on LARC Facebook page)

2) Quetico Expedition – an explanation of the trip and the goals including the methods of participation.

Secretary's Report – Moved by Randy McAllister VE3WBW that the minutes of the last meeting be adopted as printed in HI-Q. Seconded by Axel Ruhfuhs VE3OPF. Carried. The secretary also advised that thank you letters have been drafted and requested a list of recipients.

Treasurer's Report – Moved by Ed Baumann VE3SNW that the treasurer's report be adopted as printed in HI-Q. Seconded by Karl Hamilton VE3RRP and carried.

Committee Reports

ARES

- Brad Harris VE3MXJ reports that Sharon Bak is leaving her position as Field Officer, Office of the Fire Marshal and Emergency Management. A letter will be sent to her expressing our thanks for supporting the LARC.
- ARES membership cards are in the works
- the NWO ARES net has enjoyed good propagation and participation
- There will be the annual SARA special event station but operating from home QTH's due to COVID.

Repeaters

- Randy Gottfred VA3OJ reports that VE3TBR is currently inoperative due to card failures and the technical support staff is working on them.

Sister Clubs

- Randy Gottfred VA3OJ reports that there has been no contact

Motion to Adjourn

RAC Dues Increase

Effective July 1, the fee for a digital (eTCA) membership will increase by 4% from \$48/year to \$50/year and the cost of a Paper TCA membership will increase by 10% from \$56/year to \$62/year.

Repeater Mapbook Available

Randy Gottfred VA3OJ reports that the repeater mapbook is now available from the publisher. The 2022-2023 Repeater Mapbook#19 contains locations of every open repeaters throughout the U.S., Canada and Mexico. These detailed maps show all highways and major cities in each state. Order yours now, Click here

The Repeater MapBook is a great reference book: Repeater owners, users and fellow amateur radio operators from around the country have submitted detail information about their local repeaters.

We also have a FREE Mobile version of the database In your Phones web browser, type in:
<http://www.artscipub.com/mobile/>

More on MH370

I found some interesting news that the ham radio WSPR system can be used to find the missing Malaysian airlines flight MH370.

<https://www.youtube.com/watch?v=Jq-d4Kl8Xh4&t=181s>

<https://www.youtube.com/watch?v=KefDzzDAeew>

https://www.youtube.com/watch?v=nQL5oHLx_10

<https://www.youtube.com/watch?v=TnMDO7bfYTc>

73, Doug McCormack VE3EFC

Thanks Doug!

Came across this video and thought the link might be interesting for HI-Q.

Maybe you can use this info about 5G Radiation.

<https://www.youtube.com/watch?v=FBsP-bmDLOo>

Axel Rehfuhs VE3OPF

March



Ukraine Maintains Ham Radio Silence in State of Emergency

Radio amateurs in Ukraine appear to be diligently maintaining radio silence as the state of emergency declared there just prior to the Russian military invasion remains in effect. A February 24 decree from President Volodymyr Zelensky included “a ban on the operation of amateur radio transmitters for personal and collective use.” The Ukraine Amateur Radio League (UARL/LRU) reported this past week that it has received many messages of encouragement from the worldwide amateur radio community.

“The LRU informed international amateur radio organizations about Russia’s military invasion of Ukraine,” said the message from UARL Vice President Anatoly Kirilenko, UT3UY. “To date, there have been many reports from radio amateurs around the world in support of Ukraine.”

The International Amateur Radio Union (IARU) has adopted a neutral stance. “IARU is an apolitical organization focused on promoting and defending amateur radio and the amateur radio services,” the IARU said. “The amateur radio service is about self-instruction in communications and friendship between people.” IARU Region 1 has said it continues to monitor the development and expects all radio amateurs “to follow their national laws and regulations.”

IARU Region 1 also re-posted part of an advisory from the Deutscher Amateur Radio Club (DARC) HF Committee on February 27. “Any radio amateur currently transmitting from Ukraine is risking his or her life. If you hear a Ukrainian station, do not broadcast its call sign, location, or frequency — whether on the band, in a cluster, or on social media. You may be putting lives at risk.” The DARC’s overarching advice: “In the current situation, the best we can do is listen.”

Ukraine’s assigned amateur radio call sign prefixes include EMA – EOZ and the more commonplace URA – UZZ. Some stations with Ukrainian call signs may still be active, because an exception to the amateur radio ban was made for stations in the Donbas region of eastern Ukraine (eastern Donetsk and Luhansk oblasts),

which have special legal status owing to Russia’s ~~2022~~ occupation since 2014.

In a Facebook post, Poland’s IARU member-society PZK has offered available Winlink nodes in Poland for any licensed refugees. If you are a licensed amateur radio operator, you can send information by email to your relatives in Poland or Emergency Services via the Winlink system. Polish Winlink nodes are active on 160, 80, and 20 meters: SR5WLK, 3.5955 MHz USB; SR3WLK, 14.111 MHz USB, and SP3IEW, 1.865 MHz USB.

W9IMS, the Indianapolis Motor Speedway Amateur Radio Club — known for its special events commemorating major races at the Speedway — has posted a statement on its QRZ.com profile expressing its concern for well-known QSL maker Gennady V. Treus, UX5UO. The statement reads in part, “His last email to us said: ‘This moment we are safe, but we hear strong explosions near Kyiv. Do not know what will happen in nearest hours/days.’ We have not heard from him for days now. We are greatly concerned for Gennady and his family along with all the other citizens of Ukraine.” — Thanks to The Daily DX, PZK, and to Brian D. Smith, W9IND, for some information
—via ARRL



From the Freeze Your Buns Off Antenna shoot out - courtesy of Brandon Rehfuhs VE3OTV

Some New Rules Going into Effect this Year for ARRL Field Day

After taking a few detours over the past couple of years due to the COVID-19 pandemic, ARRL Field Day rules are being updated on a permanent basis starting this summer. ARRL conducted a Field Day community survey with invitations propagated far and wide, and direct emails sent to more than 15,000 individuals and ARRL-affiliated clubs. After sorting through, reviewing, and discussing the survey results, the ARRL Programs and Services Committee recommended a number of rule changes for ARRL Field Day, which will take place this year over the June 25 – 26 weekend.

Starting this year, the maximum PEP output for a transmitter used by anyone submitting a Field Day log will be 100 W. The power multiplier of 2 will remain in place, and the high-power category will be removed from the rules. Until this year, the maximum low-power limit had been 150 W for most ARRL-sponsored operating events. The power multiplier will remain at 5 for QRP participants running a maximum of 5 W or less. As previously announced, 100 W is now the low-power category limit for all ARRL and IARU HF Contests, effective January 1, 2022.

A couple of changes instituted initially as accommodations for the COVID-19 pandemic will remain. Class D (Home) stations will continue to be able to earn points for contacts with other Class D stations. The club aggregate scoring change initiated in 2020 as a temporary measure will become part of the permanent rules. In the aggregate scoring plan, the scores of individual stations are combined under the score of a single club.

Another change, involving Rule 7.3.2 Media Publicity, has been modified. Rules to date have offered 100 bonus points for attempting to obtain publicity and demonstrating same. With the ease of posting via Facebook, Twitter, Instagram, and various other media websites, Field Day participants will now be required to obtain publicity, not just try to do so. Any combination of bona fide media hits would qualify for the bonus points. For example, posting the details of your upcoming or ongoing Field Day activity, or your Field Day results, on a club or news media site, on Facebook, or via Twitter and Instagram would meet the bonus criteria. Photos and videos are encouraged as part of media posts.

—via ARRL

March 2022

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10 LARC Meeting Via ZOOM 1900	11	12	13
14	15	16	17	18	19	20 Spring Equi- nox at 1133 EST
21	22	23	24	25	26	27
28	29	30	31			Next Exec meeting April 7